

Europäisches Patentamt
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(11) EP 0 913 508 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
12.05.1999 Bulletin 1999/19

(51) Int Cl.⁶: D01F 9/127, G01B 7/34

(43) Date of publication A2:
06.05.1999 Bulletin 1999/18

(21) Application number: 98308872.5

(22) Date of filing: 29.10.1998

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• Den, Tohru
Ohta-ku, Tokyo (JP)
• Iwasaki, Tatsuya
Ohta-ku, Tokyo (JP)

(30) Priority: 30.10.1997 JP 298373/97
14.09.1998 JP 276426/98

(74) Representative:
Beresford, Kelth Denis Lewis et al
BERESFORD & Co.
2-5 Warwick Court
High Holborn
London WC1R 5DJ (GB)

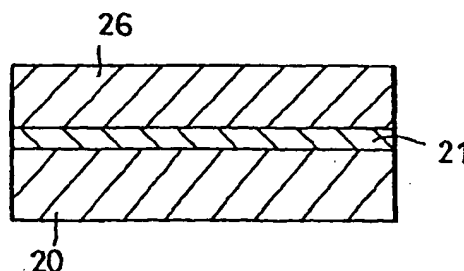
(71) Applicant: CANON KABUSHIKI KAISHA
Tokyo (JP)

(54) Carbon nanotube device, manufacturing method of carbon nanotube device, and electron emitting device

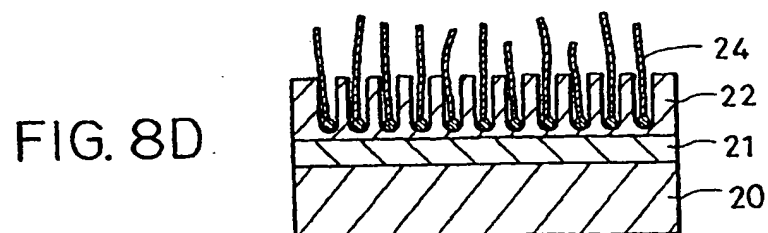
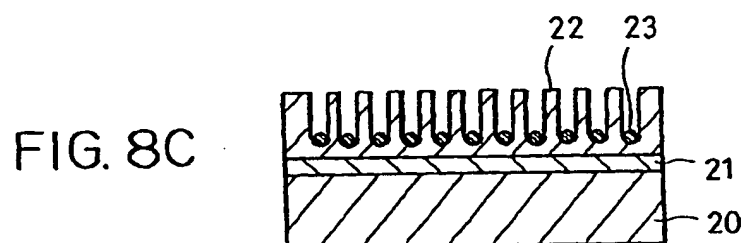
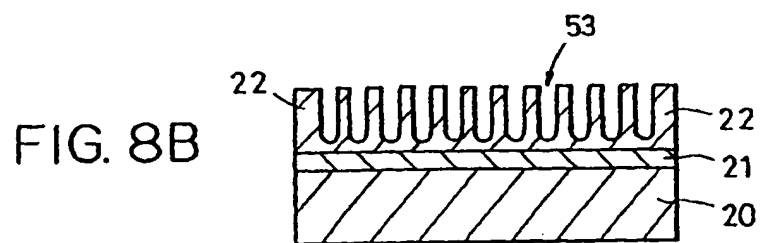
(57) The present invention discloses a carbon nanotube device comprising a support having a conductive surface and one or more carbon nanotubes, one of whose terminus binds to the conductive surface so that conduction between the surface and the carbon nanotube is maintained, wherein a root of the carbon nano-

tube where the carbon nanotube binds to the conductive surface is surrounded by a wall. Such a carbon nanotube device, having carbon nanotubes with a uniform direction of growth, can generate a large quantity of emitted electrons when it is used as an electron emission device.

FIG. 8A



EP 0 913 508 A3





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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 8872

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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P, A	WO 98 05920 A (WILLIAM MARSH RICE UNIVERSITY) 12 February 1998 * page 8, line 4 - page 9, line 25; figure 10 *	1	
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			D01F G01B C01B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 February 1999	Examiner Hellemans, W
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EPO FORM 1503 03/82 (P/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 98 30 8872

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EPO FORM P0448

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82